



**UNITED STATES DEPARTMENT OF COMMERCE  
Patent and Trademark Office**

Address: COMMISSIONER OF PATENTS AND TRADEMARKS  
Washington, D.C. 20231

CB

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.
-----------------	-------------	----------------------	---------------------

09/611,571 07/07/00 MORIMOTO

T OOCL-26 (200

026479  
STRAUB & POKOTYLO  
1 BETHANY ROAD, SUITE 83  
BUILDING 6  
HAZLET NJ 07730

PM82/0305

EXAMINER
----------

MORSE, G ART UNIT	PAPER NUMBER
----------------------	--------------

2167  
DATE MAILED:

03/05/01

4

**Please find below and/or attached an Office communication concerning this application or proceeding.**

**Commissioner of Patents and Trademarks**

**Office Action Summary**Application No.  
**09/611,571**Applicant(s)  
**Morimoto**Examiner  
**Gregory Morse**Group Art Unit  
**3652**

- ☐ Responsive to communication(s) filed on \_\_\_\_\_.
- ☐ This action is **FINAL**.
- ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11; 453 O.G. 213.

A shortened statutory period for response to this action is set to expire 3 month(s), or thirty days, whichever is longer, from the mailing date of this communication. Failure to respond within the period for response will cause the application to become abandoned. (35 U.S.C. § 133). Extensions of time may be obtained under the provisions of 37 CFR 1.136(a).

**Disposition of Claims**

- ☒ Claim(s) 1-15 is/are pending in the application.
- Of the above, claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- ☒ Claim(s) 1-15 is/are rejected.
- ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- ☐ Claims \_\_\_\_\_ are subject to restriction or election requirement.

**Application Papers**

- ☐ See the attached Notice of Draftsperson's Patent Drawing Review, PTO-948.
- ☐ The drawing(s) filed on \_\_\_\_\_ is/are objected to by the Examiner.
- ☐ The proposed drawing correction, filed on \_\_\_\_\_ is ☐ approved ☐ disapproved.
- ☐ The specification is objected to by the Examiner.
- ☐ The oath or declaration is objected to by the Examiner.

**Priority under 35 U.S.C. § 119**

- ☒ Acknowledgement is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d).
- ☒ All ☐ Some\* ☐ None of the CERTIFIED copies of the priority documents have been
- ☒ received.
- ☐ received in Application No. (Series Code/Serial Number) \_\_\_\_\_.
- ☐ received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\*Certified copies not received: \_\_\_\_\_.

- ☐ Acknowledgement is made of a claim for domestic priority under 35 U.S.C. § 119(e).

**Attachment(s)**

- ☒ Notice of References Cited, PTO-892
- ☐ Information Disclosure Statement(s), PTO-1449, Paper No(s). \_\_\_\_\_
- ☐ Interview Summary, PTO-413
- ☐ Notice of Draftsperson's Patent Drawing Review, PTO-948
- ☐ Notice of Informal Patent Application, PTO-152

--- SEE OFFICE ACTION ON THE FOLLOWING PAGES ---

Art Unit: 3652

### **DETAILED ACTION**

1. Claims 1-15 are pending. The preliminary amendment of 7/7/2000 has been received and entered.

#### ***Priority***

2. Receipt is acknowledged of papers submitted under 35 U.S.C. 119(a)-(d), which papers have been placed of record in the file.

#### ***Drawings***

3. The drawing figures of 7/7/2000 are acceptable to the examiner.

#### ***Specification***

4. The disclosure is objected to because of the following informalities: on page 2, line 1, "enormous" is misspelled. On line 16, and several subsequent locations, "headquarters" is misspelled. On line 19 delete "capable".

Appropriate correction is required.

Art Unit: 3652

***Claim Rejections - 35 USC § 102***

5. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless --

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

6. Claims 1-2, 6-15 are rejected under 35 U.S.C. 102(b) as being anticipated by Hammel, U.S. patent 3,181,124. Hammel shows a plurality of "dumb" point of sale stations 1, 2, N with no execution programs, a host unit 26, and a series of transmission lines indicated by the arrows in Fig. 1. Input data is generated by the terminals and transmitted to the host, which performs all calculations and returns the data to the terminal. See column 2, lines 10-38.

7. Claims 1-2, 6-15 are rejected under 35 U.S.C. 102(b) as being anticipated by Perrill et al., U.S. patent 5,003,472. Perrill shows a system with several "dumb" POS terminals and a host computer, where the host computer performs the required functions and returns the contents of the display to the terminal.

***Claim Rejections - 35 USC § 103***

8. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person

Art Unit: 3652

having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

9. Claims 3-5 are rejected under 35 U.S.C. 103(a) as being unpatentable over Perrill et al., cited above. Perrill shows a screen on a remote unit whose display is controlled by transmissions from a master unit (the host). Perrill does not discuss the specifics of the screen control or the transmission protocol. Official notice is taken that (1) compression is notoriously well known in many standard transmission protocols, including modem transmission protocols and (2) screen scripting languages for controlling a remote terminal, such as HTML, are well known in the art to achieve a desired output at a remote terminal. The use of a compressed transmission together with a screen control language or scripting language would have been obvious to one of ordinary skill in the art in order to achieve a rapid transmission rate and a desirable data display on the remote terminals.

### *Conclusion*

10. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. Goodwin, III shows a system relevant to the present invention with a standard interface between a POS terminal and a host computer.

Application/Control Number: 09/611571

Page 5

Art Unit: 3652

11. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Greg Morse whose telephone number is (703) 308-4789.

MORSE/gam  
February 28, 2001

  
GREGORY A. MORSE 2/28/01  
PRIMARY EXAMINER